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(71)Applicant : **MOTOROLA INC**

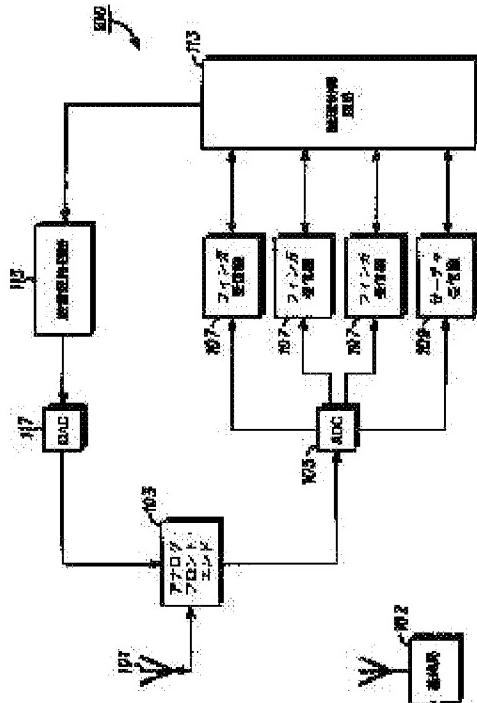
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(54) SYSTEM, METHOD AND WIRELESS COMMUNICATION EQUIPMENT FOR SOFT HAND OFF



(57)Abstract:

PROBLEM TO BE SOLVED: To demodulate a paging channel from a present active pilot by giving the identifier of a base station corresponding to measured pilot intensity to a system infrastructure and assigning a base station to transmit a paging channel message according to this identifier.

SOLUTION: A searcher receiver 109 measure the pilot intensity of a neighboring, and a logic control circuit 113 generates an access channel message including the identifier of the neighboring pilot with a neighboring pilot with sufficient measuring pilot intensity capable of satisfactorily demodulating a related forward traffic channel and a corresponding initial pilot message to be measured. At a following access probe, present pilot intensity to be measured and an identifier are reported to obtain present information concerning pilot intensity

measurement to be used for assign-deciding a base station concerning soft hand off.